

## Elastomeric bitumen liquid sheath



### Description

BITUGUM is a ready to use semi-dense paste obtained by mixing fine bitumen, special synthetic resins and mineral fillers.

The resulting bituminous paste is brown in colour, and during the drying phase it will take on a dark black colour, showing an excellent adhesiveness to support and high elasticity (more than 800%).

BITUGUM also has an excellent anchoring power even if applied on vertical surfaces and can withstand temperatures below 0°C.

BITUGUM does not contain toxic or solvent substances; the simple application, the extreme versatility of the product and also its remarkable performance characteristics make it an essential accessory for any construction company or waterproofing technician and as an ideal product for «do-it-yourselfers».

### Uses

BITUGUM has been designed and formulated to achieve practical and lasting waterproofing of surfaces of any shape and complexity, both horizontally and vertically, putting in place continuous bituminous membranes, firmly anchored to the whole laying surface and characterised by high shear stresses and punching.

It is to be used therefore for the waterproofing of terraces, balconies, pitched roofs, foundation walls, slabs, for restoring old bituminous membranes, for sealing chimneys, concrete and metal gutters, for bonding insulating panels, for the creation of vapour barriers, etc.

BITUGUM also shows a high level of mechanical hysteresis which, combined with sound-absorbing panels, helps to considerably reduce the transmission of footstep noise and soften the sound of mechanical vibrations.

### Product application

BITUGUM is ready to use.

It is applied by brush, roller, trowel or broom.

To obtain a uniform thickness it is recommended to use the 2 mm notched trowel for applying the first layer, and a normal trowel for applying the second layer as soon as the first one has hardened; in this way a smooth layer of about 2 mm is obtained.

Clean surfaces thoroughly and eliminate irregularities with the supports that may be disconnected with well smoothed cement mortar in order to avoid material waste.

Its consumption varies according to the roughness of the support and is recommended at approximately 1.5/2 kg/m<sup>2</sup>.

It is possible, if desired, to reinforce the layer of BITUGUM by adding during application a light veil of low weight «nonwoven» fabric overlapping the sheets by at least 5 cm.

The use of the nonwoven fabric is indispensable when dealing with large-scale coverings.

### Warning

Avoid application of BITUGUM on wet surfaces, and at temperatures below +5°C when rain or fog is forecast.

The optimal conditions of laying must be guaranteed for at least 24 hours after application.

Once dry (after at least 15 days) cover the waterproof coat obtained with BITUGUM with a coloured elastic coating.

Tools can be cleaned with water before the product dries; after drying diesel or solvents will be needed.

Protect packaging from freezing temperatures.

#### 1) roller application



#### 2) brush application



## Technical data

Technical characteristics	Value
Colour of paste	Brown
Colour of dried film	Black
Stability of shape when heated	at 120°C C slight bulges are noted
Specific weight	1,050 kg/dm <sup>3</sup>
Solid content	67%
Dilution	Ready to use
Drying time	Top: about 60 min. at 20°C Bottom: about 48 hours at 20°C
Film thickness	2 mm per m <sup>2</sup> (also in a single coat)
Cold flexibility	withstands -10°C
Water impermeability	60 kPa
Traction resistance L	Tensile strength: 1,6 N/cm <sup>3</sup> Elongation at break: over 800%
Traction resistance T	Tensile strength: 2,0 N/cm <sup>3</sup> Elongation at break: over 800%
Tearing resistance	L: 0,97 N T: 0,96 N

## Packaging

	Pail size	Pails per pallet
Bitugum	10 kg	80
Bitugum	20 kg	48

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